Amendments to the claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1. (currently amended) A handheld electronic device comprising:
 a scrollwheel for providing input to the handheld electronic device;
 a dynamic feedback module connected to the scrollwheel for providing a plurality of types of feedback to a user of the handheld electronic device in response to rotational motion of the scrollwheel, the dynamic feedback module comprising:
 means for resisting rotational motion of the scrollwheel, and
 means for providing lateral motion of the scrollwheel;
 the plurality of types of feedback comprising resistance to rotation of the scrollwheel and movement of the scrollwheel in a direction toward or away from the user, each type of feedback associated with at least one of a plurality of feedback modes; and
 a software module for selecting a feedback mode from the plurality of feedback modes and activating the associated type of feedback provided by the dynamic feedback module.

2. (original) The handheld electronic device of claim 1 wherein the software module selects the feedback mode based on feedback data associated with a data page on the handheld electronic device.

3. (original) The handheld electronic device of claim 1 wherein the software module selects the feedback mode based on a set of predetermined criteria.

4. (original) The handheld electronic device system of claim 3 wherein the predetermined criteria are based on preferences selected by the user.

5. (original) The handheld electronic device of claim 3 wherein the predetermined criteria are established in a software algorithm.

6. (original) The handheld electronic device of claim 5 wherein the predetermined criteria are based on a position of a cursor controlled by the scrollwheel.

7. (previously presented) The handheld electronic device of claim 1 wherein the dynamic feedback module provides the user with different feedback responses for different priority levels of data.

8. (original) The handheld electronic device of claim ~~7~~ 1 wherein the means for resisting rotational motion of the scrollwheel comprises an electromagnetic motor.

9. (original) The handheld electronic device of claim ~~7~~ 1 wherein the means for resisting rotational motion of the scrollwheel comprises at least one mechanical clutch plate.

10. (previously presented) The handheld electronic device of claim 1 wherein the dynamic feedback module provides as feedback lateral motion of the scrollwheel away from the user when the user is able to enter data.

11. (previously presented) The handheld electronic device of claim 1 wherein the means for providing lateral motion of the scrollwheel comprises a cam mechanism.

12. (previously presented) The handheld electronic device of claim 1 wherein the means for providing lateral motion of the scrollwheel comprises an electromechanical switch.

13. (original) The handheld electronic device of claim 1 further comprising a keyboard.

14. (original) The handheld device of claim 1 further comprising a touchscreen.

15. (currently amended) A dynamic feedback system for use with a handheld electronic device, the dynamic feedback system comprising:

a scrollwheel for providing input to the handheld electronic device;

a dynamic feedback module connected to the scrollwheel for providing a plurality of types of feedback to a user of the handheld electronic device in response to rotational motion of the scrollwheel, the dynamic feedback module comprising:

means for resisting rotational motion of the scrollwheel, and

means for providing lateral motion of the scrollwheel;

the plurality of types of feedback comprising resistance to rotation of the scrollwheel and movement of the scrollwheel in a direction toward or away from the user, each type of feedback associated with at least one of a plurality of feedback modes; and

a software module for selecting a feedback mode from the plurality of feedback modes and activating the associated type of feedback provided by the dynamic feedback module.

16. (original) The dynamic feedback system of claim 15 wherein the software module selects the feedback mode based on feedback data associated with a data page on the handheld electronic device.

17. (original) The dynamic feedback system of claim 15 wherein the software module selects the feedback mode based on a set of predetermined criteria.

18. (original) The dynamic feedback system of claim 17 wherein the predetermined criteria are based on preferences selected by the user.

19. (original) The dynamic feedback system of claim 17 wherein the predetermined criteria are established in a software algorithm.

20. (original) The dynamic feedback system of claim 19 wherein the predetermined criteria are based on a position of a cursor controlled by the scrollwheel.

21. (previously presented) The dynamic feedback system of claim 15 wherein the dynamic feedback module provides the user with different feedback responses for different priority levels of data.

22. (previously presented) The dynamic feedback system of claim 15 wherein the means for resisting rotational motion of the scrollwheel comprises an electromagnetic motor.

23. (previously presented) The dynamic feedback system of claim 15 wherein the means for resisting rotational motion of the scrollwheel comprises at least one mechanical clutch plate.

24. (previously presented) The dynamic feedback system of claim 15 wherein the dynamic feedback module provides as feedback lateral motion of the scrollwheel away from the user when the user is able to enter data.

25. (previously presented) The dynamic feedback system of claim 15 wherein the means for providing lateral motion of the scrollwheel comprises a cam mechanism.

26. (previously presented) The dynamic feedback system of claim 15 wherein the means for providing lateral motion of the scrollwheel comprises an electromechanical switch.

27. (currently amended) A method for providing feedback on a handheld electronic device having a scrollwheel and having a dynamic feedback module connected to the scrollwheel for providing a plurality of types of feedback to a user of the handheld electronic device, the dynamic feedback module comprising means for resisting rotational motion of the scrollwheel and means for providing lateral motion of the scrollwheel, the method comprising the steps of:

providing a user initiated input to the handheld electronic device through rotational motion of the scrollwheel;

analyzing data associated with the user initiated input;

deciding if a feedback response is required; and

if a feedback response is required, initiating an appropriate feedback mode that provides as feedback movement of the scrollwheel in a direction toward or away from the user.

28. (original) The method of claim 27 wherein the decision to initiate a feedback response is based on a feedback trigger associated with a particular data page.

29. (original) The method of claim 28 wherein the feedback mode is determined based on the feedback trigger associated with a particular data.

30. (original) The method of claim 29 wherein the feedback mode is based on a set of predetermined criteria.

31. (original) The method of claim 30 wherein the predetermined criteria are based on preferences selected by the user.

32. (original) The method of claim 30 wherein the predetermined criteria are established in a software algorithm.

33. (original) The method of claim 32 wherein the predetermined criteria are based on a position of a cursor controlled by the scrollwheel.

34. (original) The method of claims 27 wherein the feedback mode is associated with a type of feedback.

35. (previously presented) The method of claim 27 wherein the type of feedback comprises different feedback responses for different priority levels of data.

36. (previously presented) The method of claim 27 wherein the lateral movement of the scrollwheel is in a direction toward the user when the user is able to enter data.

37. (previously presented) The method of claim 27 wherein the lateral movement of the scrollwheel is in a direction away from the user when the user is able to enter data.

38. (original) The method of claim 34 wherein the type of feedback comprises a resistance to rotational movement of the scrollwheel.

39. (original) The method of claim 38 wherein the resistance to rotational movement of the scrollwheel is absolute, and the scrollwheel cannot rotate.